

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
BALDS2.37AUS2APPLICATION NO.  
10/848,585INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Amlan Datta et al.FILING DATE  
August 25, 2003GROUP  
2185

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
Q-D	2,676,892	04/27/54	J.D. McLaughlin			
	2,978,340	04/04/61	Franklin Veatch et al.			
	3,365,315	01/23/68	Warren R. Beck et al.			
	3,752,685	08/14/73	Hidemasa Honda et al.			
	2001/0043996	11/22/01	Kenji Yamada et al.			
Q-D	2002/0025436	02/28/02	Paul W. Meyer et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER

DATE CONSIDERED

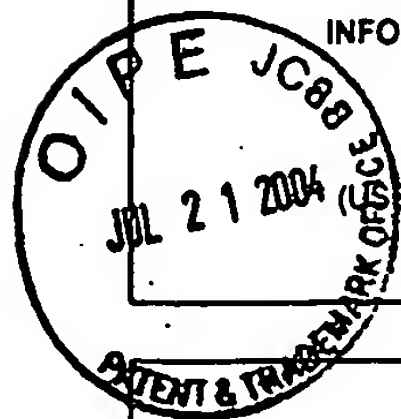
4-17-06

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
QSD	1	4,111,713	09/1978	Warren R. Beck			
	2	4,307,142	12/1981	Blitstein et al.			
	3	4,624,798	11/1986	Gindrup et al.			
	4	4,867,931	09/1989	Joe K. Cochran, Jr.			
	5	5,176,732	01/1993	Block et al.			
	6	5,458,973	10/1995	David G. Jeffs			
QSD	7	2002/0025436	02/2002	Paul W. Meyer			

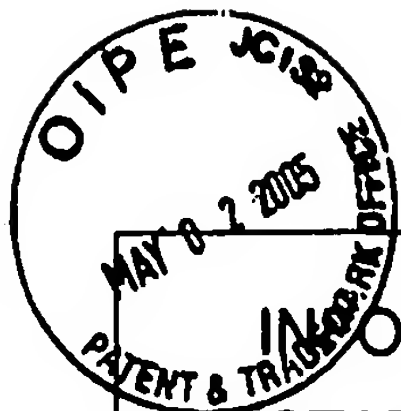
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
QSD	8	0 359 362 B1	04/1995	EP				
QSD	9	0 801 037 B1	08/2000	EP				
QSD	10	1 156 021 A1	11/2001	EP				
QSD	11	1 160 212 A1	12/2001	EP				
QSD	12	1040859	10/1978	Canada				
QSD	13	07024299 A2	01/1995	Japan				
QSD	14	07292846 A2	11/1995	Japan				
QSD	15	07315869 A2	12/1995	Japan				
QSD	16	08169779 A2	07/1996	Japan				
QSD	17	09020526 A	01/1997	Japan				
QSD	18	9124327 A2	05/1997	Japan				
QSD	19	3213521 A1	06/1983	Germany				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER		DATE CONSIDERED	4-17-06
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PTO/SB/08 Equivalent

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Multiple sheets used when necessary)

SHEET 1 OF 2

Application No.	10/648,585
Filing Date	August 25, 2003
First Named Inventor	Amlan Datta et al.
Art Unit	2185
Examiner	Unknown
Attorney Docket No.	HARD1.090A2

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
QSP	1	3,782,985	01/01/1974	Gebhardt	
	2	3,873,475	03/25/1975	Pechacek et al.	
	3	3,909,283	09/30/1975	Wilbert E. Warnke	
	4	4,234,344	11/18/1980	Tinsley et al.	
	5	4,235,836	11/25/1980	Wassell et al.	
	6	4,252,193	02/24/1981	Powers et al.	
	7	4,305,758	12/15/1981	Powers et al.	
	8	4,332,618	06/01/1982	Ballard	
	9	4,336,338	06/22/1982	Downs et al.	
	10	4,340,407	07/20/1982	Anderson et al.	
	11	4,362,566	12/07/1982	Hinterwaldner	
	12	4,370,166	01/25/1983	Powers et al.	
	13	4,501,830	02/26/1985	Miller et al.	
	14	4,504,320	03/12/1985	Rizer et al.	
	15	4,623,390	11/18/1986	Delmonico	
	16	4,657,810	04/14/1987	Douden	
	17	4,687,752	08/18/1997	Peters	
	18	4,826,788	05/02/1989	Dennert et al.	
	19	4,837,069	06/06/1989	Bescup et al.	
	20	4,937,210	06/26/1990	Jones et al.	
	21	5,164,003	11/17/1992	Bosco et al.	
	22	5,443,603	08/22/1995	Kirkendall	
	23	5,899,256	05/04/1999	Rohatgi	
	24	5,935,699	08/10/1999	Barber	
	25	6,506,819 B1	01/14/2003	Shukla et al.	
	26	6,572,697 B2	06/03/2003	Gleeson et al.	
	27	6,620,487 B1	09/16/2003	Tonyan et al.	
↓	28	6,626,991 B1	09/30/2003	Drochon et al.	
QSP	29	6,648,961 B2	11/18/2003	Brothers et al.	

Examiner Signature

Date Considered

4/14/06

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	10/648,585	
	Filing Date	August 25, 2003	
	First Named Inventor	Amlan Datta et al.	
	Art Unit	2185	
SHEET 2 OF 2		Examiner	Unknown
		Attorney Docket No.	HARD1.090A2

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
QSD	30	6,656,265 B1	12/02/2003	Garnier et al.	
QSD	31	6,660,078 B2	12/09/2003	Brothers et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
QSD	32	WO 96/07538	03/14/1996	Martin et al.		
QSD	33	WO 01/72863 A1	10/04/2001	Burgess et al.		
QSD	34	WO 2004/018090 A1	03/04/2004	Datta et al.		
	35					
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application No. 10/648,585  
 Filing Date August 25, 2003  
 First Named Inventor Datta, et al.  
 Art Unit Unknown  
 Examiner Unknown  
 Attorney Docket No. HARD1.090A2

(Multiple sheets used when necessary)  
 SHEET 1 OF 1

## U.S. PATENT DOCUMENTS

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QSD	1	Litigation Documents Corresponding to Civil Case Nos. SCVSS115246, 5:04-CV-00674-RT-SGL, 04-C-1621, 05-CV-44, AND 04-CV-152.	

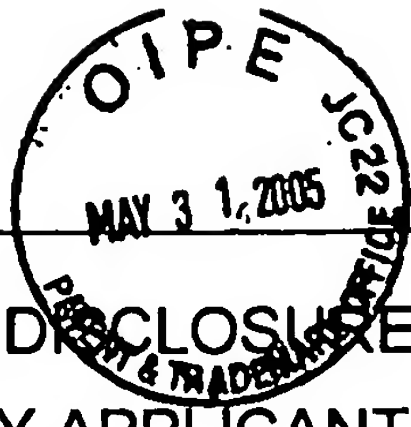
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Application No.	10/648,585
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Art Unit	2185
Examiner	Unknown
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QSD	1	3,256,105	06/14/1966	Alford	
	2	3,838,998	10/01/1974	Matthews et al.	
	3	3,904,377	09/09/1975	Honda et al.	
	4	4,411,847	10/25/1983	Netting et al.	
	5	4,661,137	04/28/1987	Garnier et al.	
	6	5,069,702	12/03/1991	Block et al.	
	7	5,384,345	01/24/1995	Naton	
	8	5,407,983	04/18/1995	Naton	
	9	5,534,348	07/09/1996	Miller et al.	
	10	5,591,684	01/07/1997	Kawachi et al.	
	11	6,531,222 B1	03/11/2003	Tanaka et al.	
	12	6,644,162 B1	11/11/2003	Anshits et al.	
	13	6,811,603 B2	11/02/2004	Brothers et al.	
	14	6,814,798 B2	11/09/2004	Vijn et al.	
	15	2002/0004111 A1	01/10/2002	Matsubara et al.	
	16	2003/0177995 A1	09/25/2003	Vijn et al.	
	17	2004/0080063 A1	04/29/2004	Datta et al.	
	18	2004/0081827 A1	04/29/2004	Datta	
QSD	19	2005/0011412 A1	01/20/2005	Vijn et al.	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
QSD	20	GB 1 448 320	09/02/1976	Washington State Univ. Research Foundation, Inc.		

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QSD	21	Office Action dated August 16, 2004 to U.S. Patent Application No. 10/648,009 (HARD1.090A4)	

Examiner Signature

Date Considered

4/14/06


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	Art Unit	2185
(Multiple sheets used when necessary)	Examiner	Unknown
SHEET 2 OF 2	Attorney Docket No.	HARD1.090A2

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QSD	22	Office Action dated April 27, 2005 to U.S. Patent Application No. 10/648,009 (HARD1.090A4)	
J	23	Office Action dated January 11, 2005 to U.S. Patent Application No. 10/648,184 (HARD1.090A1)	
QSD	24	"Novel Raw Material for Producing Heat Insulating Materials," Pawlowski et al., <i>Silikattechnik</i> (1982), 33(11), 339-340	

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